

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56	(concentric NEAR2 (spectrometer or spectrometry or spectroscope or spectroscopy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:43
L2	5	((concentric NEAR2 (spectrometer or spectrometry or spectroscope or spectroscopy)) SAME (fiber or fibre)) AND (multiplex\$5 or demultiplex\$5 or MUX or DMUX or DEMUX)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L3	196	("4592043" "5959750" "6262823" "5995255" "5319485" "4901306" "5512936" "5959747" "6072608" "6005992" "6115154" "6188816" "6285810" "5754293" "6163378" "4521684" "6141140" "6233074" "6559984" "6061369" "6061369" "5930015" "5943151" "6008934" "6147786" "5717795" "5847855" "6069892" "6160931" "4775972" "5319482" "5457556" "5550818" "5699177" "5748348" "5757526" "5774243" "5886804" "5886803" "5914794" "6154583" "4866699" "5361154" "5408350" "5414540" "5452115" "5455699" "5615290" "5623565" "5680235").pn. ("5737106" "5764821" "5838867" "5864414" "5982517" "6046832" "6055077" "6061156" "6097516" "6101027" "6137927" "6144472" "6151144" "6181467" "4821255" "4839614" "4845703" "4874216" "5264960" "5321540" "5369515" "5422772" "5434877" "5452124" "5500857" "5510921" "5521754" "5526155" "5663822" "5680490" "5710650" "5712932" "5729369" "5729527" "5777763" "5793507" "5793506" "5796503" "5801864" "5801861" "5808767" "5854698" "5864415" "5864413" "5867289" "5878325" "5894362" "5896211" "5898801" "5907647").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L4	4918	385/37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30

## EAST Search History

L5	6306	385/24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L6	3972	385/16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L7	2146	385/17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L8	1015	385/46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L9	606	385/20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L10	850	398/79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L11	228	398/1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L12	123	398/72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L13	84	398/20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L14	228	398/1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30

## EAST Search History

L15	606	((center NEAR2 curvature) or (focal adj point)) WITH (reflect\$4 or mirror) WITH (Diffract\$4 or Grat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L16	127	((center NEAR2 curvature) or (focal adj point)) NEAR4 (reflect\$4 or mirror) NEAR4 (Diffract\$4 or Grat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L17	234808	(spectrometer or spectrometry or spectroscope or spectroscopy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L18	119	L15 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L19	28	L16 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L20	2163	356/326	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L21	2024	356/328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L22	264	356/330	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L23	313	356/305	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30
L24	16474	L3 or L4 or L5 or L6 or L7 or L8 or L9 or L10 or L11 or L12 or L13 or L14 or L18 or L19 or L20 or L21 or L22 or L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:30

## EAST Search History

L25	17	24 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:51
L26	1	((concentric adj spectrometer) WITH (multiplex\$3 or de\$1multiplex\$3) WITH (fiber or fibre))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:51
L27	3	((concentric adj spectrometer) SAME (multiplex\$3 or de\$1multiplex\$3) SAME (fiber or fibre))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 13:54
L28	7	((concentric NEAR spectrometer) AND (multiplex\$3 or de\$1multiplex\$3) AND (fiber or fibre))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 14:24
L29	1	"6226085".pn. AND ((multiplex\$3 or de\$1multiplex\$3) AND (fiber or fibre))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 14:26
L30	0	"6181418".pn. and multiplexing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 14:27
L31	1	"6181418".pn. and multiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 14:28
L32	25	multiplex\$3 and (concentric SAME spectrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 14:29
L33	6	multiplex\$3 and (concentric adj spectrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 14:29
S1	8	("5233405" "5995221" "6181418" " 6266140").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:14

## EAST Search History

S2	2	(concentric NEAR2 (spectrometer or spectrometry or spectroscope or spectroscopy)) SAME (multiplex\$5 or demultiplex\$5 or MUX or DMUX or DEMUX) SAME (fiber or fibre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:14
S3	196	("4592043" "5959750" "6262823" "5995255" "5319485" "4901306" "5512936" "5959747" "6072608" "6005992" "6115154" "6188816" "6285810" "5754293" "6163378" "4521684" "6141140" "6233074" "6559984" "6061369" "6061369" "5930015" "5943151" "6008934" "6147786" "5717795" "5847855" "6069892" "6160931" "4775972" "5319482" "5457556" "5550818" "5699177" "5748348" "5757526" "5774243" "5886804" "5886803" "5914794" "6154583" "4866699" "5361154" "5408350" "5414540" "5452115" "5455699" "5615290" "5623565" "5680235").pn. ("5737106" "5764821" "5838867" "5864414" "5982517" "6046832" "6055077" "6061156" "6097516" "6101027" "6137927" "6144472" "6151144" "6181467" "4821255" "4839614" "4845703" "4874216" "5264960" "5321540" "5369515" "5422772" "5434877" "5452124" "5500857" "5510921" "5521754" "5526155" "5663822" "5680490" "5710650" "5712932" "5729369" "5729527" "5777763" "5793507" "5793506" "5796503" "5801864" "5801861" "5808767" "5854698" "5864415" "5864413" "5867289" "5878325" "5894362" "5896211" "5898801" "5907647").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S4	4235	385/37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S5	5655	385/24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20

## EAST Search History

S6	3805	385/16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S7	1840	385/17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S8	1078	385/46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S9	554	385/20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S10	925	398/79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S11	900	398/1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:20
S12	107	398/72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:21
S13	78	398/20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:21
S14	900	398/1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:21

## EAST Search History

S15	3	((concentric NEAR2 (spectrometer or spectrometry or spectroscope or spectroscopy)) SAME (fiber or fibre)) AND (multiplex\$5 or demultiplex\$5 or MUX or DMUX or DEMUX)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:21
S16	42	(concentric NEAR2 (spectrometer or spectrometry or spectroscope or spectroscopy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:00
S17	3	(concentric NEAR2 (spectrometer or spectrometry or spectroscope or spectroscopy)) SAME (Fiber or fibre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:24
S18	506	((center NEAR2 curvature) or (focal adj point)) WITH (reflect\$4 or mirror) WITH (Diffract\$4 or Grat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:14
S19	323	((center NEAR2 curvature) or (focal adj point)) NEAR12 (reflect\$4 or mirror) NEAR12 (Diffract\$4 or Grat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 17:59
S20	104	((center NEAR2 curvature) or (focal adj point)) NEAR4 (reflect\$4 or mirror) NEAR4 (Diffract\$4 or Grat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:00
S21	176605	(spectrometer or spectrometry or spectroscope or spectroscopy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:00
S22	96	S18 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:30
S23	21	S20 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:10

## EAST Search History

S24	2201	356/326	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:10
S25	1884	356/328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:10
S26	273	356/330	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:10
S27	357	356/305	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:10
S28	17150	S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S22 or S23 or S24 or S25 or S26 or S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:12
S29	96	S28 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:12
S30	136	S28 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:12
S31	13	S16 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:12
S32	29360	(multiplex\$5 or demultiplex\$5 or MUX or DMUX or DEMUX) SAME (fiber or fibre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:14
S33	24	S18 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:15

## EAST Search History

S35	4	S18 SAME S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 18:15
S36	0	Mikes-thomas-j.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:22
S37	3	Mikes-thomas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:23
S38	0	Mikes-tom.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:22
S39	0	Mikes-tom-j.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:22
S40	53706	x.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:22
S41	0	xiang-lian.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:26
S42	5	("5768040"   "5859702"   "5880834").PN. OR ("6266140"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/10 19:24
S43	0	xiang-lian-quin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:26
S44	4	xiang-lian-qin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/10 19:26

## EAST Search History

S45	16	("20010009596"   "20020009596"   "20020132489"   "5149959"   "5223910"   "5267188"   "5371358"   "5394237"   "5760899"   "6049052"   "6097859"   "6157029"   "6181418"   "6191860"   "6266140").PN. OR ("6522404").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 12:39
S46	1	"6266140".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 12:39
S47	18	("20020061160"   "20020067887"   "20020071627"   "20020131688"   "20020154855"   "20030002791"   "5107357"   "6097519"   "6097859"   "6204946"   "6263123"   "6263127"   "6337935"   "6415080"   "6501877"   "6522404"   "6532318").PN. OR ("6707959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/12 13:21
S48	29391	(multiplex\$5 or demultiplex\$5 or MUX or DMUX or DEMUX) SAME (fiber or fibre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/12 13:28
S49	14	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/12 14:35
S50	14	S49 and (multiplex\$4 or MUX)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/12 14:35